

## PCT REQUEST

Original (for SUBMISSION)

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|---------|---|---|
| 0       | For receiving Office use only   |   |
| 0-1     | International Application No.   | PCT/EP 2004 / 0 0 9 0 2 3                               |
| 0-2     | International Filing Date   | 1 2 AUG 2004 (12. 08. 2004)                             |
| 0-3     | Name of receiving Office and "PCT International Application"  | EUROPEAN PATENT OFFICE<br>PCT INTERNATIONAL APPLICATION |
| 0-4     | Form PCT/RO/101 PCT Request   |   |
| 0-4-1   | Prepared Using  | PCT-SAFE [EASY mode]<br>Version 3.50 (Build 0002.162)   |
| 0-5     | Petition<br>The undersigned requests that the present international application be processed according to the Patent Cooperation Treaty |   |
| 0-6     | Receiving Office (specified by the applicant)   | European Patent Office (EPO) (RO/EP)                    |
| 0-7     | Applicant's or agent's file reference   | 020593 FH   |
| I       | Title of Invention  | SURFACE-MODIFIED ZINC OXIDES                            |
| II      | Applicant   |   |
| II-1    | This person is  | applicant only  |
| II-2    | Applicant for   | all designated States except US                         |
| II-4    | Name  | DEGUSSA AG  |
| II-5    | Address   | Bennigsenplatz 1<br>40474 Düsseldorf<br>Germany         |
| II-6    | State of nationality  | DE  |
| II-7    | State of residence  | DE  |
| II-8    | Telephone No.   | 0 61 81 / 59- 29 72                                     |
| II-9    | Facsimile No.   | 0 61 81 / 59-43 04                                      |
| III-1   | Applicant and/or inventor   |   |
| III-1-1 | This person is  | applicant and inventor                                  |
| III-1-2 | Applicant for   | US only   |
| III-1-4 | Name (LAST, First)  | MEYER, Jürgen   |
| III-1-5 | Address   | Großostheimer Strasse 51<br>63811 Stockstadt<br>Germany |
| III-1-6 | State of nationality  | DE  |
| III-1-7 | State of residence  | DE  |

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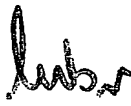
|         |  |  |
|---------|--|--|
| III-2   | <b>Applicant and/or inventor</b>   |  |
| III-2-1 | This person is   | applicant and inventor   |
| III-2-2 | Applicant for  | US only  |
| III-2-4 | Name (LAST, First)   | MICHAEL, Günther   |
| III-2-5 | Address  | Hugo-Dümler-Strasse 24<br>63791 Karlstein<br>Germany   |
| III-2-6 | State of nationality   | DE   |
| III-2-7 | State of residence   | DE   |
| IV-1    | <b>Agent or common representative; or address for correspondence</b>   |  |
|         | The person identified below is hereby/ has been appointed to act on behalf of the applicant(s) before the competent International Authorities as:  | common representative  |
| IV-1-1  | Name   | DEGUSSA AG   |
| IV-1-2  | Address  | Intellectual Property Management<br>PATENTE und MARKEN<br>Standort Hanau<br>Postfach 13 45<br>63403 Hanau<br>Germany |
| IV-1-3  | Telephone No.  | 0 61 81 / 59- 29 72  |
| IV-1-4  | Facsimile No.  | 0 61 81 / 59-43 04   |
| V       | <b>DESIGNATIONS</b>  |  |
| V-1     | The filing of this request constitutes under Rule 4.9(a), the designation of all Contracting States bound by the PCT on the International filing date, for the grant of every kind of protection available and, where applicable, for the grant of both regional and national patents. |  |
| VI-1    | <b>Priority claim of earlier regional application</b>  |  |
| VI-1-1  | Filing date  | 22 August 2003 (22.08.2003)  |
| VI-1-2  | Number   | 03018678.7   |
| VI-1-3  | Regional Office  | EP   |
| VII-1   | <b>International Searching Authority Chosen</b>  | European Patent Office (EPO) (ISA/EP)  |

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| <b>VIII</b> | <b>Declarations</b>  | <b>Number of declarations</b>   |                                    |
| VIII-1      | Declaration as to the identity of the inventor   | -   |                                    |
| VIII-2      | Declaration as to the applicant's entitlement, as at the international filing date, to apply for and be granted a patent             | -   |                                    |
| VIII-3      | Declaration as to the applicant's entitlement, as at the international filing date, to claim the priority of the earlier application | -   |                                    |
| VIII-4      | Declaration of inventorship (only for the purposes of the designation of the United States of America)                               | -   |                                    |
| VIII-5      | Declaration as to non-prejudicial disclosures or exceptions to lack of novelty   | -   |                                    |
| <b>IX</b>   | <b>Check list</b>  | <b>number of sheets</b>   | <b>electronic file(s) attached</b> |
| IX-1        | Request (including declaration sheets)   | <b>4</b>  | ✓                                  |
| IX-2        | Description  | <b>35</b>   | -                                  |
| IX-3        | Claims   | <b>1</b>  | -                                  |
| IX-4        | Abstract   | <b>1</b>  | ✓                                  |
| IX-5        | Drawings   | <b>2</b>  | -                                  |
| IX-7        | <b>TOTAL</b>   | <b>43</b>   |                                    |
|             | <b>Accompanying Items</b>  | <b>paper document(s) attached</b>   | <b>electronic file(s) attached</b> |
| IX-8        | Fee calculation sheet  | ✓   | -                                  |
| IX-11       | Copy of general power of attorney  | <b>reference no. AV 43522</b>   | -                                  |
| IX-13       | Priority document(s)   | <b>Item(s) VI-1</b>   | -                                  |
| IX-17       | PCT-SAFE physical media  | -   | ✓                                  |
| IX-19       | Figure of the drawings which should accompany the abstract   | <b>1</b>  |                                    |
| IX-20       | Language of filing of the international application  | <b>English</b>  |                                    |
| X-1         | Signature of applicant, agent or common representative   |  |                                    |
| X-1-1       | Name   | <b>DEGUSSA AG</b>   |                                    |
| X-1-2       | Name of signatory  | <b>i. V. Dr. Wolfgang Weber</b>   |                                    |
| X-1-3       | Capacity   | <b>AV 43522</b>   |                                    |

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| 10-1   | Date of actual receipt of the purported international application   | (12. 08. 04) 12 AUG 2004 |
| 10-2   | Drawings:   |                          |
| 10-2-1 | Received  | received                 |
| 10-2-2 | Not received  |                          |
| 10-3   | Corrected date of actual receipt due to later but timely received papers or drawings completing the purported international application |                          |
| 10-4   | Date of timely receipt of the required corrections under PCT Article 11(2)  |                          |
| 10-5   | International Searching Authority   | ISA/EP                   |
| 10-6   | Transmittal of search copy delayed until search fee is paid   |                          |

## FOR INTERNATIONAL BUREAU USE ONLY

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|------|--|--|
| 11-1 | Date of receipt of the record copy by the International Bureau |  |
|------|--|--|